

FIG. 1 (Prior Art)

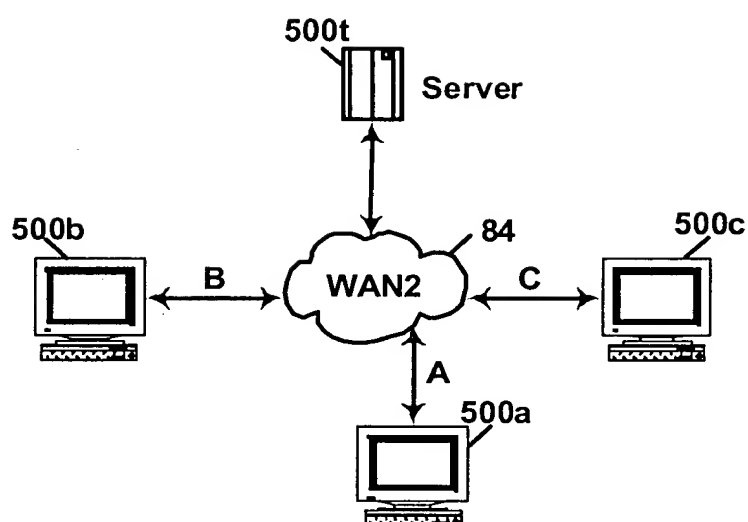


FIG. 2 (Prior Art)



200

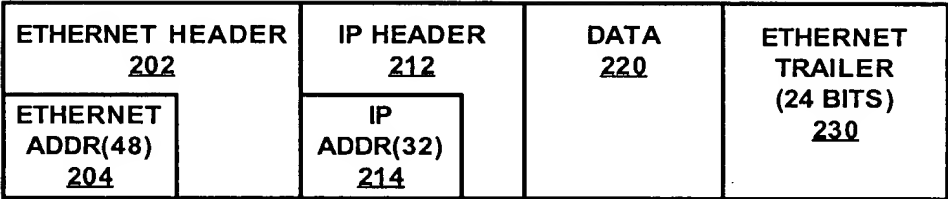


FIG. 3 (Prior Art)



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| HIGH | LAYER NAME(NUMBER) | DEVICES | DATA | PROTOCOLS |
|------|------------------------|-----------|---------------------|-----------|
| | HIGHER LAYER PROTOCOLS | | | |
| | APPLICATION LAYER (5) | | FILES | FTP, HTTP |
| | TRANSPORT LAYER (4) | ROUTERS | ROUTING PACKETS | TCP, UDP |
| | ROUTING LAYER (3) | ROUTERS | ROUTINGS PACKETS | IP |
| | DATA LINK LAYER (2) | BRIDGES | PACKETS | ETHERNET |
| LOW | PHYSICAL LAYER (0,1) | REPEATERS | BITS | ETHERNET |

FIG. 4 (Prior Art)